

WHAT IS CLAIMED IS:

1. A sliding member provided with a sliding layer containing 1 to 20 percent by volume of bismuth powder and/or bismuth alloy powder, 20 to 60 percent by volume of metal powder, and 1 to 20 percent by volume of a solid lubricant, the sum thereof being not more than 70 percent by volume, and the balance being a thermosetting resin.
2. The sliding member according to claim 1, wherein said metal powder contains at least one of copper-based alloy and aluminum-based alloy.
3. The sliding member according to claim 1, wherein the solid lubricant contains at least one of polytetrafluoroethylene, graphite, and molybdenum disulfide.
4. The sliding member according to claim 2, wherein the solid lubricant contains at least one of polytetrafluoroethylene, graphite, and molybdenum disulfide.
5. The sliding member according to claim 1, wherein the thermosetting resin contains at least one of phenolic resin, polyimide resin, polyamide-imide resin, and epoxy resin.
6. The sliding member according to claim 2, wherein the thermosetting resin contains at least one of phenolic resin, polyimide resin, polyamide-imide resin, and epoxy resin.
7. The sliding member according to claim 3, wherein the thermosetting resin contains at least one of phenolic resin, polyimide resin, polyamide-imide resin, and epoxy resin.

8. The sliding member according to claim 4, wherein the thermosetting resin contains at least one of phenolic resin, polyimide resin, polyamide-imide resin, and epoxy resin.

9. The sliding member according to claim 1, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

10. The sliding member according to claim 2, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

11. The sliding member according to claim 3, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

12. The sliding member according to claim 4, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

13. The sliding member according to claim 5, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

14. The sliding member according to claim 6, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

15. The sliding member according to claim 7, wherein the sliding member is used for a swash plate of a swash plate type piston pump.

16. The sliding member according to claim 8, wherein the sliding member is used for a swash plate of a swash plate type piston pump.